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forms are submitted.

Title and Company

"Total of 2

PTO/SB/81 (01-06) Approved for use through 12/31/2008. OMB 0651-0035 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 09/766,273 Filing Date January 18, 2001 RECEIVED **POWER OF ATTORNEY** First Named Inventor Michael BITTNER CENTRAL FAK CENTER Title Oligonucleotide-Tagged **CORRESPONDENCE ADDRESS** Art Unit 1634 AUG 2006 **INDICATION FORM Examiner Name Robert Thomas Crowe** Attorney Docket Number QDC0008 I hereby revoke all previous powers of attorney given in the above-identified application. I hereby appoint: 23358 Practitioners associated with the Customer Number: Practitioner(s) named below: Name Registration Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Please recognize or change the correspondence address for the above-identified application to: The address associated with the above-mentioned Customer Number: The address associated with Customer Number: OR Firm or Individual Name Address City State Zio Country Telephone Email am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96) SIGNATURE of Applicant or Assignee of Record Signature Date 16 14506 Telephone 541-335-0040 Christopher J. Buntel

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

PTO/SB/96 (12-05)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number STATEMENT UNDER 37 CFR 3.73(b) RECEIVED Applicant/Patent Owner. Michael BITTNER, et al. CENTRAL FAX CENTER Filed/Issue Date: January 18, 2001 Application No./Patent No./Control No.: 09/766.273 Oligonucleotide-Tagged Semiconductor Nanocrystals for Microarray and Fluorescence in Situ Hybridization Invitrogen Corp. a Corporation (Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.) states that it is: 1. the assignee of the entire right, title, and interest; or 2. an assignee of less than the entire right, title and interest (The extent (by percentage) of its ownership interest is _ in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded In the United States Patent and Trademark Office at Reel ___ . Frame , or a true copy of the original assignment is attached. B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows: 1. From: Edith Y. Wong and Marcel P. Bruchez, Jr. To: Quantum Dot Corp The document was recorded in the United States Patent and Trademark Office at Reel 011864 Frame 0787 _ or for which a copy thereof is attached. From: Quantum Dot Corp. To: Invitragen Corp. The document was recorded in the United States Patent and Trademark Office at Reel 016862 , or for which a copy thereof is attached. ___, Frame <u>0372</u> 3. From: Ta: The document was recorded in the United States Patent and Trademark Office at _, Frame _ _, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08] The undersigned **∕sy**hose title is su<u>pplied belo</u>w) is authorized to act on behalf of the assignee. IS AUGOS Date Signature Christopher J. Buntel 541-335-0040 Printed or Typed Name Telephone Number In-House Counsel Title

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| STATEMENT UNDER 37 CFR 3.73(b) | 5 |
|--|---|
| Applicant/Patent Owner: Michael BITTNER, et al. | PECE |
| application No./Patent No./Control No.: 09/766.273 Filed/Issue Date: January 1 | CENTRAL F/ |
| ntitled: Oilgonucleotide-Tagged Semiconductor Nanocrystals for Microarray and Fluroescence in Situ | Hybridization AUG |
| Invitrogen Corp. , a Corporation | |
| (Name of Assignee) (Type of Assignee: corporation, partnates that it is: | ership, university, government agency, etc.) |
| an assignee of less than the entire right, title and interest (The extent (by percentage) of its ownership interest is%) | |
| n the patent application/patent Identified above by virtue of either: | |
| A. An assignment from the inventor(s) of the patent application/patent identified above. The in the United States Patent and Trademark Office at Reel, Frame, Frame, Frame | ne assignment was recorded, or a true copy of the |
| A chain of title from the inventor(s), of the patent application/patent identified above, to | the current assignee as follows: |
| 1. From: Edith Y. Wong and Marcel P. Bruchez, Jr. To: Quantum Dot Corp. The document was recorded in the United States Patent and Trademark Office a Reel 011864 , Frame 0787 , or for which a copy thereof is | at s attached. |
| From: Quantum Dot Corp. To: Invitrogen Corp. The document was recorded in the United States Patent and Trademark Office of Reel 016862 Frame 0372 or for which a copy thereof | et f is attached. |
| 3. From: To: To: The document was recorded in the United States Patent and Trademark Office a | |
| The document was recorded in the United States Patent and Trademark Office a Reel, Frame, or for which a copy thereo | at of is attached. |
| Additional documents in the chain of title are listed on a supplemental sheet. | |
| is required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from saignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3 [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be Division in accordance with 37 CFR Part 3, to record the assignment in the records of 302.08] | 3.11. be submitted to Assignment |
| The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee | |
| | 16×1606 |
| Signature | Date |
| Christopher J. Buntel Printed or Typed Name | 541-335-0040 Telephane Number |
| In-House Counsel | • |

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